

## **LIGHT EMITTING HETEROSTRUCTURE**

### **ABSTRACT OF THE DISCLOSURE**

An improved light emitting heterostructure. In particular, a nitride-based light emitting heterostructure is provided that includes a light generating structure and a distributed semiconductor heterostructure Bragg reflector structure formed above the light generating structure. In operation, the light generating structure generates light, a portion of which is reflected by the distributed semiconductor heterostructure Bragg reflector structure, thereby increasing the total amount of light that can be emitted from the heterostructure.